

WHAT IS CLAIMED IS:

1. Apparatus for mounting on a vehicle for hoisting a big-game carcass to a transport position and transporting the big-game carcass, the apparatus comprising:
 - a) a rotatable reel;
 - b) two lift lines;
 - c) attaching means for attaching the lift lines to the reel such that the distal portions of the lift lines are spaced apart one from the other along the length of the reel;
 - d) mounting means for mounting the reel to a vehicle;
 - e) cranking means for rotating the reel; and
 - f) locking means for releasably locking the reel to impede rotation of the reel;wherein, when the reel is mounted, the lift lines may be used to encircle a big game carcass such that the lift lines are spaced one from the other along the trunk of the carcass, the cranking means may be used to rotate the reel so as to spool in the lift lines and thus hoist the carcass to a transport position, and the locking means may be used to releasably lock the reel when the carcass is in the transport position.
2. Apparatus of claim 1, wherein the reel is cylindrical and of substantially-uniform circumference along its length.
3. Apparatus of claim 2, wherein the reel is a pipe.
4. Apparatus of claim 1, wherein the mounting means comprises two mounting brackets, each bracket including a bearing for rotatably supporting the reel such that the reel may be rotated relative to each bearing when in use.

5. Apparatus of claim 4, wherein the locking means comprises a threaded set screw and a threaded opening in one of the bearings for receiving the set screw, wherein the reel may be releasably locked by screwing the set screw into the opening so as to clamp the reel between the set screw and the bearing.
6. Apparatus of claim 4, for mounting on a quad having a rack with vertically-spaced-apart rails, wherein each mounting bracket also includes a mounting plate attached to the bearing, the mounting plate configured to span the rails such that the mounting plate may be attached to each of the rails.
7. Apparatus of claim 4, for mounting on a quad having a rack with a single rail, wherein each mounting bracket also includes a spacer attached to the bearing, the spacer for bolting to the rail and sized so as to provide clearance for the lift lines between the rail and the reel when bolted to the rail.
8. Apparatus of claim 4, wherein the bearings and reel are configured to have a loose fit between each bearing and the reel, such that the reel may be moved longitudinally relative to the bearings so as to withdraw the reel from the bearings.
9. Apparatus of claim 8, further comprising releaseable retaining means for impeding longitudinal movement of the reel relative to the bearings.
10. Apparatus of claim 9, wherein the retaining means comprises two retaining pins and two retaining pin receiving holes in the reel.

11. Apparatus of claim 1, wherein the cranking means comprises a hand manipulable handle.
12. Apparatus of claim 1, wherein the cranking means is a hand crank.
13. Apparatus of claim 12, wherein the reel includes a crank end releasably engageable with the hand crank, wherein the hand crank may be engaged with the crank end for rotating the reel and disengaged from the reel when not required for rotating the reel.
14. Apparatus of claim 1, wherein the attaching means comprise two clamps, one for each lift line, for clamping the proximal end of each lift line to the reel.
15. Apparatus of claim 1, wherein the attaching means are moveable along the length of the reel so as to permit adjustment of the space between the distal portions of the lift lines.
16. Apparatus of claim 15, wherein the attaching means are hose clamps.
17. Apparatus of claim 1, further comprising two hooks, each hook for attaching to the distal end of a respective lift line.
18. Apparatus of claim 1, further comprising one or more additional lift lines and attaching means for attaching the additional lift lines to the reel.
19. Apparatus for mounting on a vehicle for use with two lift lines for hoisting a big-game carcass to a transport position with the trunk extending substantially horizontally and transporting the big-game carcass, the apparatus comprising

- a) a rotatable reel to which two lift lines may be attached spaced apart one from the other;
- b) mounting means for mounting the reel to a vehicle;
- c) cranking means for rotating the reel; and
- d) locking means for releasably locking the reel to prevent rotation of the reel.